

Applicant : Joseph D. Revnell
Appln. No. : 09/505,119
Page : 2

In the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (canceled)
2. (previously presented) The measuring and layout device of claim 12, wherein:
the angle and distance device includes a tape measure that incorporates the tape.
3. (original) The measuring and layout device of claim 2, wherein:
the angle and distance device includes a carrier that is adapted to hold the tape measure.
4. (original) The measuring and layout device of claim 3, wherein:
the carrier is pivotally coupled to the stationary member.
5. (original) The measuring and layout device of claim 4, wherein:
the carrier includes a front leg adjacent a top of the stationary member; and
the front leg has guides for the tape and a straight edge for making the template.
6. (original) The measuring and layout device of claim 4, wherein:
the carrier includes an integral housing; and
the tape measure is located within the housing.
7. (previously presented) The measuring and layout device of claim 12, wherein:
the stationary member is a board.
8. (original) The measuring and layout device of claim 7, wherein:
the board includes non-slip feet.

Applicant : Joseph D. Revnell
Appln. No. : 09/505,119
Page : 3

9. (canceled)

10. (previously presented) The measuring and layout device of claim 12, wherein:

the template is formed by markings written onto a paper placed on the stationary member.

11. (previously presented) A measuring and layout device comprising:

a stationary member having a flat surface adapted to be marked on; and
an angle and distance device fixedly and rotatably attached to the stationary member,
the angle and distance device including a longitudinally and laterally rigid extendable tape that
can be extended from a central point and an edge that facilitates reliably marking on the
stationary member to form an accurate template as the angle and distance device is rotated and
the tape is extended and retracted to critical features of an area;

wherein the template is formed by markings written directly onto the stationary member; and

wherein the stationary member has a circular configuration.

12. (previously presented) A measuring and layout device comprising:

a stationary member having a flat surface adapted to be marked on; and
an angle and distance device fixedly and rotatably attached to the stationary member,
the angle and distance device including a longitudinally and laterally rigid extendable tape that
can be extended from a central point and an edge that facilitates reliably marking on the
stationary member to form an accurate template as the angle and distance device is rotated and
the tape is extended and retracted to critical features of an area;

wherein the stationary member has a substantially semi-circular configuration.

Applicant : Joseph D. Revnell
Appln. No. : 09/505,119
Page : 4

13. (previously presented) The measuring and layout device of claim 12, wherein:
the angle and distance device includes a tape measure extender for mechanically extending the tape, thereby allowing a single person to create the template while staying in a single central location.
14. (previously presented) The measuring and layout device of claim 12, wherein:
the tape includes an end with a holder attached thereto; and
the holder is configured to secure a writing utensil.
15. (previously presented) The measuring and layout device of claim 12, wherein:
the angle and distance device has a digital readout for accurately communicating a distance that the tape is extended from the angle and distance device.
16. (previously presented) A measuring and layout device comprising:
a stationary member having a flat surface adapted to be marked on; and
an angle and distance device fixedly and rotatably attached to the stationary member,
the angle and distance device including a longitudinally and laterally rigid extendable tape that can be extended from a central point and an edge that facilitates reliably marking on the stationary member to form an accurate template as the angle and distance device is rotated and the tape is extended and retracted to critical features of an area;
wherein the tape has a pivotal pointer at a distal end.
17. (previously presented) A method of measuring and laying out a template of a room comprising:
providing a stationary member;
providing a tape measure;
extending the tape measure to a critical feature of an area in a room to be measured;
and

Applicant : Joseph D. Revnell
Appn. No. : 09/505,119
Page : 5

recording direction and distance information on the stationary member from the tape measure relating to the critical feature.

18. (original) The method of measuring and laying out a template of claim 17, further comprising:

providing a pointer on an end of the tape measure adapted to be accurately aligned with the critical feature of the area; and

recording the information of the stationary member as the pointer aligns with the critical feature.

19-24. (canceled)

25. (previously presented) A method of measuring and laying out an area comprising:

providing a stationary member having a flat surface adapted to be marked on; fixedly and rotatably attaching an angle and distance device to the stationary member, the angle and distance device including a longitudinally and laterally rigid extendable tape that can be extended from a central point and an edge that facilitates reliably marking on the stationary member; and

forming an accurate template by reliably marking on the stationary member as the angle and distance device is rotated and the tape is extended and retracted to critical features of the area.

26. (previously presented) A measuring and layout device comprising:

a stationary member having a flat surface adapted to be marked on; an angle and distance device rotatably attached to the stationary member, the angle and distance device including a longitudinally and laterally rigid extendable tape that can be extended from a central point and an edge that facilitates reliably marking on the stationary member to form an accurate template as the angle and distance device is rotated and the tape is extended and retracted to critical features of an area; and

Applicant : Joseph D. Revnell
Appln. No. : 09/505,119
Page : 6

a motor and motor controller operably connected to the longitudinally and laterally rigid tape for extending, retracting and axially rotating the tape;
the motor controller being programmed to record data and create an electronic version of the template.

27. (original) The measuring and layout device of claim 26, wherein:
the tape includes a marker on one end, and the motor controller is programmed to move the marker in accordance with the template on a surface.
28. (original) The measuring and layout device of claim 27, wherein:
the template comprises a picture.
29. (original) The measuring and layout device of claim 26, wherein:
the motor controller is programmed for automatic operation to create the template and to draw the template on a workpiece.
- 30-32. (canceled)
33. (previously presented) A measuring and layout device comprising:
a stationary member having a flat surface adapted to be marked upon;
a carrier fixedly and rotatably attached to the stationary member; and
an extendable tape connected to the carrier, the tape being configured to be extended from the carrier, the tape including an edge that facilitates reliably marking on the stationary member to form an accurate template as the carrier is rotated and the tape is extended and retracted to critical features of an area;
wherein the carrier includes a tape extender for mechanically extending the tape, thereby allowing a single person to create the template while staying in a single central location;
the carrier includes a front leg adjacent a top of the stationary member;

Applicant : Joseph D. Revnell
Appln. No. : 09/505,119
Page : 7

wherein the front leg has guides for the tape and a straight edge for making the template;

wherein the stationary member is a board; and
wherein the board includes non-slip feet.

34-35. (canceled)

36. (previously presented) A measuring and layout device comprising:
a stationary member having a flat surface adapted to be marked upon;
a carrier fixedly and rotatably attached to the stationary member; and
an extendable tape connected to the carrier, the tape being configured to be extended from the carrier, the tape including an edge that facilitates reliably marking on the stationary member to form an accurate template as the carrier is rotated and the tape is extended and retracted to critical features of an area;

wherein the carrier includes a tape extender for mechanically extending the tape, thereby allowing a single person to create the template while staying in a single central location; and

wherein the stationary member has a circular configuration.

37. (previously presented) A measuring and layout device comprising:
a stationary member having a flat surface adapted to be marked upon;
a carrier fixedly and rotatably attached to the stationary member; and
an extendable tape connected to the carrier, the tape being configured to be extended from the carrier, the tape including an edge that facilitates reliably marking on the stationary member to form an accurate template as the carrier is rotated and the tape is extended and retracted to critical features of an area;

Applicant : Joseph D. Revnell
Appln. No. : 09/505,119
Page : 8

wherein the carrier includes a tape extender for mechanically extending the tape, thereby allowing a single person to create the template while staying in a single central location; and

wherein the stationary member has a substantially semi-circular configuration.

38. (canceled)

39. (previously presented) A measuring and layout device comprising:
a stationary member having a flat surface adapted to be marked upon;
a carrier fixedly and rotatably attached to the stationary member; and
an extendable tape connected to the carrier, the tape being configured to be extended from the carrier, the tape including an edge that facilitates reliably marking on the stationary member to form an accurate template as the carrier is rotated and the tape is extended and retracted to critical features of an area;

wherein the carrier includes a tape extender for mechanically extending the tape, thereby allowing a single person to create the template while staying in a single central location; and

wherein the tape has a pivotal pointer at a distal end.

40. (previously presented) The method of measuring and laying out of claim 17, further including:

rotatably attaching a carrier to the stationary member; and
connecting the tape measure to the carrier.

41. (previously presented) The method of measuring and layout out of claim 40, wherein:
the carrier includes a front leg adjacent a top of the stationary member;
the front leg has guides for the tape measure and a straight edge; and
the step of recording information on the stationary member including making a mark along the straight edge of the front leg.

Applicant : Joseph D. Revnell
Appln. No. : 09/505,119
Page : 9

42. (previously presented) The method of measuring and laying out of claim 40, wherein:
the tape measure is located within the carrier.
43. (previously presented) The method of measuring and laying out of claim 17, wherein:
the stationary member is a board.
44. (previously presented) The method of measuring and laying out of claim 43, wherein:
the board includes non-slip feet.
45. (previously presented) The method of measuring and laying out of claim 17, wherein:
the step of recording information on the stationary member includes writing information
directly onto the stationary member.
46. (previously presented) The method of measuring and laying out of claim 17, wherein:
the step of recording information on the stationary member includes writing information
onto a paper placed on the stationary member.
47. (previously presented) The method of measuring and laying out of claim 17, wherein:
the stationary member has a circular configuration.
48. (previously presented) The method of measuring and laying out of claim 17, wherein:
the stationary member has a substantially semi-circular configuration.
49. (previously presented) The method of measuring and laying out of claim 17, further
including:
providing a tape measure extender for mechanically extending the tape measure; and
extending the tape measure with the tape measure extender.

Applicant : Joseph D. Revnell
Appln. No. : 09/505,119
Page : 10

50. (previously presented) The method of measuring and laying out of claim 17, further including:

attaching a holder to an end of the tape measure;
wherein the holder is configured to secure a writing utensil to the end of the tape measure.

51. (previously presented) The method of measuring and laying out of claim 17, wherein: the tape measure has a digital readout for accurately communicating a distance that the tape measure is extended from the stationary member.

52. (previously presented) The method of measuring and laying out of claim 17, further including:

connecting a pivotal pointer to a distal end of the tape measure.

53. (previously presented) The method of measuring and laying out of claim 17, wherein: the step of recording information on the stationary member includes writing a distance of the tape measure from the stationary member to the critical feature on the stationary member and writing angle information on the stationary member signifying an angle of the tape measure relative to the stationary member.

54. (previously presented) The method of measuring and laying out of claim 25, wherein: the angle and distance device includes a tape measure that incorporates the tape.

55. (previously presented) The method of measuring and laying out of claim 54, further including:

providing the angle and distance device with a carrier that is adapted to hold the tape measure.

Applicant : Joseph D. Revnell
Appln. No. : 09/505,119
Page : 11

56. (previously presented) The method of measuring and laying out of claim 55, further including:

pivotally coupling the carrier to the stationary member.

57. (previously presented) The method of measuring and laying out of claim 56, wherein:
the carrier includes a front leg adjacent a top of the stationary member;
the front leg has guides for the tape measure and a straight edge; and
the step of forming a template includes making a mark along the straight edge of the
front leg.

58. (previously presented) The method of measuring and laying out of claim 25, wherein:
the stationary member is a board.

59. (currently amended) The method of measuring and laying out of ~~claim 25~~ claim 58,
wherein:

the board includes non-slip feet.

60. (previously presented) The method of measuring and laying out of claim 25, wherein:
the step of forming the accurate template includes writing directly onto the stationary
member.

61. (previously presented) The method of measuring and laying out of claim 25, wherein:
the step of forming the accurate template includes writing onto a paper placed on the
stationary member.

62. (previously presented) The method of measuring and laying out of claim 25, wherein:
the stationary member has a circular configuration.

Applicant : Joseph D. Revnell
Appln. No. : 09/505,119
Page : 12

63. (previously presented) The method of measuring and laying out of claim 25, wherein: the stationary member has a substantially semi-circular configuration.

64. (previously presented) The method of measuring and laying out of claim 25, further including:

providing the angle and distance device with a tape extender for mechanically extending the tape; and
extending the tape with the tape extender.

65. (currently amended) The method of measuring and laying out of claim 25, further including:

attaching a holder to an end of the tape measure;
wherein the holder is configured to secure a writing utensil to the end of the tape measure.

66. (previously presented) The method of measuring and laying out of claim 25, further including:

providing the angle and distance device with a digital readout for accurately communicating a distance that the tape is extended from the angle and distance device.

67. (previously presented) The method of measuring and laying out of claim 25, further including:

connecting a pivotal pointer to a distal end of the tape.

68. (previously presented) A method of measuring and laying out an area comprising:

providing a stationary member having a flat surface adapted to be marked on; rotatably coupling an angle and distance device to the stationary member, the angle and distance device including a longitudinally and laterally rigid extendable tape that can be

Applicant : Joseph D. Revnell
Appln. No. : 09/505,119
Page : 13

extended from a central point and an edge that facilitates reliably marking on the stationary member; and

forming an accurate template by reliably marking on the stationary member as the angle and distance device is rotated and the tape is extended and retracted to critical features of the area; wherein

the step of forming an accurate template includes writing a distance of the tape from the stationary member to the critical feature on the stationary member and writing angle information on the stationary member signifying an angle of the tape relative to the stationary member.

69. (canceled)